

INFORMATION PERSONALIZATION BY PARTIAL EVALUATION

ABSTRACT OF THE DISCLOSURE

A systematic modeling methodology for information personalization
5 automatically adjusts information content, structure, and presentation to an individual user of the information. Termed PIPE (Personalization is Partial Evaluation), the invention makes no commitments to a particular algorithm, format for information resources, type of information-seeking activities or, more basically, the nature of personalization delivered. Instead, it
10 emphasizes the modeling of an information space in a way where descriptions of information-seeking activities can be represented as partial information. Such partial information is then exploited (in the model) by *partial evaluation*, a technique popular in the programming languages community.